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| Applic | ation/Control | No. |
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|        |               |     |

Applicant(s)/Patent under Reexamination

10/698,711 Examiner

CHEN ET AL.

Art Unit

Edgardo Ortiz

2815

Rejected Allowed

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| Cla         | im                         |  |          | ,          |          | Date     | <u> </u>     |          |  |          |   |
| Final       | original                   | 4<br>85  |          |            |          |          |              |          |  |          |   |
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|             | 2                          | J  | _        |            |          |          |              |          |  |          |   |
|             | 1<br>2<br>3<br>4<br>5<br>6 |  |          | _          |          |          | _            |          | $\vdash$   |          |   |
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|             | 12                         | /  |          |            |          |          |              |          | _  |          |   |
|             | 13<br>14<br>15             | <u> </u>   |          |            |          |          |              |          |  |          |   |
|             | 14                         | L.   |          |            |          |          |              |          |  |          |   |
|             | 15                         | <u> </u>   |          |            |          |          | _            | <u> </u> |  | <u> </u> |   |
|             | 16<br>17<br>18             | L.   |          |            |          |          | L.           | <u> </u> | _  |          | l |
|             | 17                         | <u> </u>   | <u> </u> |            |          | ļ        | <u> </u>     | <u> </u> | _  | _        | l |
|             | 18                         | <u> </u>   |          |            |          |          | <u> </u>     | <u> </u> |  | _        | Į |
|             | 19<br>20                   | -  | <u> </u> | _          |          | _        |              | <u> </u> |  |          | l |
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| -           | 22<br>23                   | ⊢  | -        |            |          | ⊢        | <del> </del> | <u> </u> | <u> </u>   |          | l |
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|             | 24<br>25<br>26             | $\vdash$   | -        |            |          |          | -            | <u> </u> |  | $\vdash$ | l |
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|             | 30                         |  |          |            |          |          |              | $\vdash$ |  | _        |   |
|             | 30<br>31                   |  |          |            |          |          |              | $\vdash$ |  |          |   |
|             | 32                         |  |          |            |          |          |              |          |  |          |   |
|             | 33                         |  |          |            |          |          |              | Г        |  |          |   |
|             | 34                         |  |          |            |          |          |              |          |  |          |   |
|             | 35                         |  |          |            |          |          |              |          |  |          | Į |
|             | 36                         |  |          |            |          | L        |              | $\Box$   | _  |          | ļ |
|             | 37                         | <u> </u>   |          | <b>.</b>   | <u> </u> | ļ        | _            |          | <u> </u>   | <u> </u> | ļ |
|             | 38<br>39                   | <u> </u>   |          | <u> </u>   | L        |          | <u> </u>     | <u> </u> | <u> </u>   | L.       | ļ |
|             | 39                         |  |          |            |          |          | _            | ļ        |  |          | ļ |
| <u></u>     | 40<br>41                   |  | <u> </u> | <b> </b> - | <b> </b> | <u> </u> | L.           | <u> </u> | <u> </u>   | <u> </u> |   |
|             |                            |  |          | -          |          |          |              | -        | <u> </u>   | <u> </u> | l |
|             | 42<br>43                   | -  | <u> </u> | $\vdash$   | H        | H        | $\vdash$     | $\vdash$ | ├—   | Ь.       |   |
|             | 43                         | ┢  | <u> </u> | $\vdash$   | H        |          | $\vdash$     |          |  | <u> </u> |   |
| $\vdash$    | 45                         |  |          | <u> </u>   |          | $\vdash$ | -            |          |  | -        |   |
|             | 46                         |  | $\vdash$ | $\vdash$   |          | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | -        |   |
|             | 47                         | $\vdash$   | H        | $\vdash$   |          | $\vdash$ | $\vdash$     | -        | $\vdash$   | $\vdash$ |   |
| -           | 48                         | <del> </del>                                     |          | $\vdash$   | -        |          | $\vdash$     |          | <del>                                     </del> | $\vdash$ |   |
|             | 49                         | -  | $\vdash$ | H          |          | $\vdash$ | $\vdash$     |          | ┢  |          |   |
|             | 50                         | -  | $\vdash$ | $\vdash$   | _        | $\vdash$ | $\vdash$     | _        |  | $\vdash$ | l |

| laim     |  | Date |          |          |         |              |  |          | Cla    | im | Date     |          |          |           |   |          |  |          |  |           |          |
|----------|--|------|----------|----------|---------|--------------|--|----------|--------|----|----------|----------|----------|-----------|---|----------|--|----------|--|-----------|----------|
|          | 1  |      |          |          |         |              |  |          |        |    |          |          |          | ٦         |   |          |  |          |  |           |          |
| ing      | М  |      |          |          |         |              |  |          |        | ľ  | Final    | ji       |          |           |   |          |  |          |  |           |          |
| Original | 4<br>85  |      |          |          |         |              |  |          |        |    | Ę        | Original |          |           |   |          |  |          |  |           |          |
| 0        | 1  | ,    |          |          |         |              | İ  |          |        |    |          | 0        |          |           | 1 |          |  |          |  |           |          |
| 1        | V  | 7    |          |          |         |              |  |          |        |    |          | 51       |          |           |   |          |  |          |  |           |          |
| 2        | 7  |      |          |          |         |              |  |          |        |    |          | 52       |          |           |   |          | -  |          |  |           |          |
| 3        |  | ,    |          |          |         |              |  | Г        |        |    |          | 53       |          |           |   |          |  |          |  |           |          |
| 4        |  |      |          |          |         |              |  | Г        |        |    |          | 54       |          |           |   |          |  |          |  |           |          |
| 5        | T  |      |          |          |         |              |  |          |        |    |          | 55       |          |           |   |          |  |          |  | $\Box$    |          |
| 6        | $\Pi$  |      |          |          |         |              |  |          |        |    |          | 56       |          |           |   |          |  |          |  | Π,        |          |
| 7        | Т  |      |          |          |         |              |  |          |        |    |          | 57       |          |           |   |          |  |          | <u> </u>   |           |          |
| 8        | П  |      |          |          |         |              |  |          |        |    |          | 58       |          |           |   |          |  |          |  |           |          |
| 9        | 1  |      |          |          |         |              |  |          |        |    |          | 59       |          |           |   |          |  |          |  |           |          |
| 10       |  |      |          |          |         |              |  |          |        |    |          | 60       |          |           | _ |          |  |          |  |           | $\Box$   |
| 11       | 17   |      | _        |          |         |              |  |          |        |    |          | 61       |          |           |   |          |  |          |  |           | $\Box$   |
| 12       | V  |      |          |          |         |              |  |          |        |    |          | 62       |          |           |   |          | Г  |          | <u> </u>   | _         |          |
| 13       |  |      |          |          |         | _            |  |          |        |    |          | 63       |          | $\Box$    |   |          |  | Г        | Γ  |           |          |
| 14       | П  |      |          | Г        |         |              |  |          | П      |    |          | 64       |          |           |   |          |  | T        | <u> </u>   |           | $\Box$   |
| 15       |  |      |          |          |         | Г            |  |          |        |    |          | 65       |          |           |   |          |  |          |  |           |          |
| 16       | $\Box$   |      |          |          |         |              |  |          |        |    |          | 66       |          |           |   |          | Ι_   | <u> </u> |  |           |          |
| 17       |  |      |          | _        |         |              | Г  |          |        | ŀ  |          | 67       | П        |           |   |          |  |          |  |           |          |
| 18       |  |      | _        |          |         |              |  |          |        |    |          | 68       | П        |           |   |          |  |          |  |           |          |
| 19       | $\vdash$   |      |          | _        | -       | <del> </del> |  |          |        |    |          | 69       | П        |           | _ |          |  | _        | -  |           | _        |
| 20       |  |      |          |          |         | 1            |  |          | _      | i  |          | 70       |          |           |   |          | Г  |          |  |           |          |
| 21       |  |      |          |          |         | ┪            |  |          |        |    |          | 71       | П        |           |   |          |  |          |  |           | $\neg$   |
| 22       |  |      |          |          |         | _            |  |          |        | ĺ  |          | 72       | П        |           |   |          |  |          | T  |           | T        |
| 23       | T  |      |          |          |         |              |  |          |        | ŀ  |          | 73       |          |           |   |          |  | Г        |  |           | П        |
| 24       |  |      |          |          |         |              |  |          |        | ŀ  |          | 74       |          |           | _ |          | _  | _        | _  |           |          |
| 25       |  |      |          |          |         |              |  |          |        |    |          | 75       |          |           |   |          | Г  | $\vdash$ | Г  |           |          |
| 26       |  |      |          |          |         |              | <b>-</b>   |          | _      | ŀ  |          | 76       |          |           |   |          | _  |          | Г  |           |          |
| 27       | T  |      |          |          |         |              | $\vdash$   |          | _      |    |          | 77       |          |           |   |          | _  | $\vdash$ |  |           | $\neg$   |
| 28       | <del>                                     </del> |      |          |          |         |              | $\vdash$   |          |        |    |          | 78       | П        |           |   |          | _  | _        | _  |           |          |
| 29       |  |      |          |          |         |              |  | -        | _      |    |          | 79       |          |           |   |          | _  |          |  |           |          |
| 30       |  |      |          |          |         |              | Г  |          |        |    |          | 80       |          |           |   |          | _  |          |  |           |          |
| 31       |  |      |          |          |         |              | Г  |          |        |    |          | 81       |          |           |   |          |  | -        | <del>                                     </del> |           |          |
| 32       |  |      |          |          | <b></b> |              |  |          |        |    |          | 82       |          |           |   |          | Г  | Г        | Г  |           | П        |
| 33       |  |      |          |          |         | Г            | <del>                                     </del> |          |        | İ  |          | 83       |          |           |   |          | $\vdash$   |          | $\vdash$   |           | $\Box$   |
| 34       |  |      |          | Г        |         |              |  | Г        |        | İ  |          | 84       | П        | $\exists$ |   |          | $\vdash$   |          |  |           | $\vdash$ |
| 35       |  |      |          |          |         |              |  |          |        |    |          | 85       |          |           |   |          | <u> </u>   | $\vdash$ | <u> </u>   |           |          |
| 36       | <b>-</b>   |      |          | _        |         |              |  |          |        | ĺ  |          | 86       |          |           |   |          |  |          |  |           |          |
| 37       |  |      | П        |          |         |              |  |          |        | İ  |          | 87       |          |           |   |          |  |          |  |           |          |
| 38       | $\vdash$   |      |          | Г        | <b></b> |              |  |          |        | ١. |          | 88       | $\Box$   | $\neg$    |   | $\vdash$ | $\vdash$   |          | Г  | $\vdash$  | -        |
| 39       |  |      |          |          |         |              |  |          |        |    |          | 89       |          | $\neg$    |   |          |  |          |  |           | H        |
| 40       | П  |      | П        | Г        | Г       | Г            |  |          |        | i  |          | 90       |          |           |   |          | $\vdash$   | $\vdash$ | Г  | Г         | $\Box$   |
| 41       | 1  |      |          | _        |         |              |  |          |        | i  |          | 91       | П        |           | _ |          | l  |          | <del>                                     </del> | Ι-        | П        |
| 42       |  |      |          |          | <b></b> |              |  |          |        | ĺ  |          | 92       | П        |           | - |          | <del>                                     </del> | <u> </u> | $\vdash$   |           | $\sqcap$ |
| 43       |  |      |          |          |         |              | $\vdash$   | _        |        |    |          | 93       |          |           |   | _        |  | $\vdash$ |  | _         |          |
| 44       | T  |      | Ħ        |          |         |              | <b> </b>   |          | $\Box$ |    |          | 94       |          | $\dashv$  |   | $\vdash$ |  | $\vdash$ |  | T         | $\vdash$ |
| 45       | 1  |      | <u> </u> | <u> </u> |         |              |  | <u> </u> | _      |    |          | 95       | $\Box$   |           |   |          | $\vdash$   | $\vdash$ |  |           | H        |
| 46       | П  |      | Г        |          |         |              |  |          | Г      | l  | $\vdash$ | 96       |          |           |   | $\vdash$ |  | -        | <del> </del>                                     |           | Н        |
| 47       | $\Box$   |      |          |          | Г       |              |  | <b> </b> |        |    |          | 97       | $\vdash$ |           | - | 1        |  | _        |  | <b> -</b> | Н        |
| 48       |  |      |          |          | _       |              |  |          |        |    |          | 98       | $\vdash$ | _         |   |          |  | $\vdash$ | 1  |           | H        |
| 49       |  |      |          |          |         |              |  | T        | Г      |    |          | 99       | Н        |           |   |          |  | $\vdash$ | t  |           | Н        |
| 50       |  | П    | Г        | Г        | Г       | $\vdash$     |  |          | Г      | ĺ  |          | 100      | $\sqcap$ | $\neg$    | _ | $\vdash$ | <del>                                     </del> | Г        |  | T         | H        |
|          |  | Ь    | _        |          |         |              | Ь  |          |        | ,  | Ь        |          | اا       |           |   | <u> </u> | <b>!</b>   | Ь        | Щ  |           |          |

| Cla          | aim                             | <u> </u>     |              | _  | •            | Date   | <del></del>                            |  |  | $\neg$          |
|--------------|---------------------------------|--------------|--------------|--|--------------|--|--|--|--|-----------------|
|              |                                 |              |              |  |              |  |  |  |  |                 |
| ā            | Original                        |              |              |  |              |  |  |  |  |                 |
| Final        | rig                             |              |              |  |              |  |  |  |  |                 |
|              |                                 |              |              |  |              |  |  |  |  | .               |
|              | 101<br>102<br>103               |              |              |  |              |  |  |  | <del> </del>                                     |                 |
|              | 102                             | _            | _            | $\vdash$   |              |  |  |  |  | -               |
|              | 102                             |              | _            | -  | _            |  |  |  | -  |                 |
|              | 104                             |              |              |  | -            |  |  | _  | H  | $\vdash$        |
|              | 104<br>105<br>106               |              |              | ┢  |              |  |  |  | -  |                 |
|              | 106                             | _            |              |  |              |  |  |  | <del> </del>                                     |                 |
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|              | 107<br>108<br>109               | -            | -            | _  | -            | _  |  | -  |  |                 |
|              | 100                             |              | -            | -  | _            |  |  |  | <del> </del>                                     |                 |
|              | 140                             |              | $\vdash$     | ⊢  | _            | _  | -                                      | -  |  |                 |
|              | 110<br>111<br>112<br>113<br>114 |              |              | ├  | <b></b>      | <b>-</b>   |  | -  | $\vdash$   | $\vdash$        |
|              | 140                             | ļ            | -            |  |              | Ь—   | -                                      | -  | $\vdash$   |                 |
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| <u> </u>     | 113                             | <u> </u>     | -            |  | <u> </u>     | <u> </u>   | <u> </u>                               | <u> </u>   |  | $\vdash$        |
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| ļ            | 115                             |              | <u> </u>     |  |              | <u> </u>   | _                                      | _  | <u> </u>   | -               |
| <u> </u>     | 115<br>116<br>117               | _            | L            | <u> </u>   |              |  |  | <u> </u>   | <u> </u>   |                 |
| L            | 117                             | _            |              | _  | <u> </u>     | <u> </u>   | _                                      | <u> </u>   | <u> </u>   | Ш               |
| <b></b>      | 118                             | <u> </u>     |              | _  |              | $ldsymbol{ld}}}}}}$ | _                                      |  |  | Ш               |
| <u> </u>     | 118<br>119<br>120               |              | L_           |  | L_           |  |  | <u> </u>   |  |                 |
|              | 120                             | <u> </u>     | <u> </u>     | <u>L</u> .                                       |              | <u>L</u>   | L                                      | <u> </u>   | <u> </u>   |                 |
|              | 121                             |              |              |  |              | <u> </u>   |  |  |  |                 |
|              | 122                             |              |              | L  | _            |  | <u>_</u>                               |  |  |                 |
|              | 123                             |              |              |  |              |  |  |  |  |                 |
|              | 121<br>122<br>123<br>124<br>125 |              |              |  |              |  |  |  |  |                 |
|              | 125                             |              |              |  |              |  |  |  |  |                 |
|              | 126                             |              |              |  |              |  |  |  |  |                 |
|              | 127                             |              |              |  |              | Г  |  |  | -  |                 |
|              | 126<br>127<br>128<br>129<br>130 |              |              |  |              |  |  |  |  |                 |
|              | 129                             |              |              |  |              |  |  |  |  |                 |
|              | 130                             |              |              |  |              |  |  | $\vdash$   |  |                 |
|              | 131                             |              |              |  |              |  |  | <u> </u>   | Г  |                 |
|              | 132                             | _            |              |  | _            | Т  | $\vdash$                               | $\vdash$   | $\vdash$   | $\vdash$        |
|              | 132<br>133                      | _            | Η-           | <u> </u>   | _            | _  |  | $\vdash$   |  | $\vdash \dashv$ |
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| <del></del>  | 141                             |              | -            | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$                               | -  | $\vdash$   | Н               |
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| <del> </del> | 143                             | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     |  | $\vdash$                               |  | ┢  | Н               |
| <del> </del> | 143                             | <del> </del> | $\vdash$     | ⊢  | -            | $\vdash$   | -                                      |  |  | Н               |
| <del> </del> |                                 | <u> </u>     | $\vdash$     |  | $\vdash$     | -  | <del> </del>                           |  |  |                 |
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| <u> </u>     | 146                             | <del> </del> | <del> </del> | <del> </del>                                     | <del> </del> | <del> </del>   | <u> </u>                               | $\vdash$   | <u> </u>   |                 |
| <b> </b> -   | 147                             | <u> </u>     |              | <del> </del>                                     | <u> </u>     | <u> </u>   | <u> </u>                               | $\vdash$   | <u> </u>   | $\vdash$        |
| <u> </u>     | 148                             | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>   |  | <u> </u>   | <u> </u>   | Щ               |
|              | 149                             | <u> </u>     | <u> </u>     | _  |              | <u> </u>   | <u> </u>                               | <u> </u>   | <u> </u>   | Ш               |
| L            | 150                             | <u> </u>     |              |  | <u> </u>     |  | ــــــــــــــــــــــــــــــــــــــ | <u>L</u> .                                       | L  |                 |
|              |                                 |              |              |  |              |  |  |  |  |                 |